

State of California



SECRETARY OF STATE APPROVAL OF USE OF *ELECTIONS SYSTEMS AND SOFTWARE* RANK CHOICE VOTING (RCV) SYSTEM

I, BRUCE McPHERSON, Secretary of State of the State of California, do hereby certify that:

1. Elections Systems and Software, Inc. (ES&S) of Omaha, Nebraska ("Vendor"), has requested approval for use in the City and County of San Francisco the ES&S Ranked Choice Voting (RCV) system, which consists of the following components: Election Data Management (EDM) version 7.2.1.3 (RCV mod.), Hardware Program Manager (HPM) version 5.0.3.2 (RCV mod.), Election Reporting Manager (ERM) version 6.4.3.2b (RCV mod.), Audit Manager version 7.0.2.0, Optech Image Manager version 3.2.0.0, Data Acquisition Manager (DAM) 5.0.3.0, Optech IV-C Model 400 version 1.08c (RCV mod.), Optech III-P Eagle version HPS1.30 (RCV mod.)/APS1.52 (RCV mod.)/BIT 1.10 (RCV mod.), AutoMARK Voter Assist Terminal (VAT) version 1.0 and AutoMARK Information Management System (AIMS) version 1.09.
2. The request for approval of the voting system as described in Paragraph 1, was considered at a public hearing held October 17, 2006, at Sacramento, California.
3. ES&S Ranked Choice Voting (RCV) system described above is hereby approved for use subject to the following terms and conditions:
 - A. This system is approved on a one-time basis for use only in the upcoming November 2006 General Election by the City and County of San Francisco;
 - B. The AutoMARK must be used in accordance with the vendor's proposed procedures for accommodation of the Cantonese language;

- C. No additional software developed by the Vendor other than that specifically listed in this certificate shall be installed on a computer running any component of this RCV system;
- D. No substitution or modification of the voting system shall be made with respect to any component of the voting system, including the Procedures, until the Secretary of State has been notified in writing and has determined that the proposed change or modification does not impair the accuracy and efficiency of the voting system sufficient to require a re-examination and approval;
- E. The Secretary of State reserves the right, with reasonable notice to Vendor and to the counties using any of the voting systems, to modify the Procedures used with any of the voting systems and to impose additional requirements with respect to the use of any of the systems if the Secretary of State determines that such modifications or additions are necessary to enhance the accuracy, reliability or security of any of the voting systems. Such modifications or additions shall be deemed to be incorporated herein as if set forth in full;
- F. Any county using this voting system shall, prior to such use, file with the California Secretary of State a copy of its Election Observer Panel plan;
- G. The vendor agrees in writing to provide, and shall provide, to the Secretary of State, or to the Secretary of State's designee, within 30 (thirty) days of the Secretary of State's demand for such, a working version of the voting system, including all hardware, firmware and software of the voting system, as well as the source code for any software or firmware contained in the voting system, including any commercial off the shelf software or firmware that is available and disclosable by the vendor, provided that the Secretary of State first commits to the vendor in writing to maintain the confidentiality of the contents of such voting system or source code so as to protect the proprietary interests of the vendor in such voting system or source code. The terms of the commitment to maintain confidentiality shall be determined solely by the Secretary of State, after consultation with the vendor. The voting system shall not be installed in any California jurisdiction until the vendor has signed such an agreement. Any reasonable costs associated with the review of the source code for any software or firmware contained in the voting system shall be born by the vendor;

- H. A final version of use procedures must be submitted to and approved by the Secretary of State prior to sale or use of the system in California;
- I. The Secretary of State reserves the right to monitor activities before, during and after the election at any precinct or registrar of voters' office, and may, at his or her discretion, conduct a random parallel monitoring test of voting equipment;
- J. Pursuant to this application and by order of the Secretary of State, voting systems certified for use in California shall comply with all applicable state and federal requirements, including, but not limited to, those voting system requirements as set forth in the California Elections Code and the Help America Vote Act of 2002 and those requirements incorporated by reference in the Help America Vote Act of 2002. Further, voting systems shall also comply with all state and federal voting system guidelines, standards, regulations and requirements that derive authority from or are promulgated pursuant to and in furtherance of California Elections Code and the Help America Vote Act of 2002 or other applicable state or federal law when appropriate;
- K. Voting system manufacturers or their agents shall assume full responsibility for any representation that a voting system complies with all applicable state and federal requirements, including, but not limited to, those voting system requirements as set forth in the California Elections Code and the Help America Vote Act of 2002 and those requirements incorporated by reference in the Help America Vote Act of 2002. In the event such representation is determined to be false or misleading, voting system manufacturers or their agents shall be responsible for the cost of any upgrade, retrofit or replacement of any voting system or its component parts found to be necessary for certification or otherwise not in compliance;
- L. Any voting system purchased with funds allocated by the Secretary of State's office shall meet all applicable state and federal standards, regulations and requirements, including, but not limited to, those voting system requirements as set forth in the California Elections Code and the Help America Vote Act of 2002 and those requirements incorporated by reference in the Help America Vote Act of 2002;
- M. In addition to depositing the source code in an approved escrow facility, the vendor must deposit a copy of the system source code and binary

executables with the Secretary of State. The Secretary of State reserves the right to perform a full independent review of the source code; and

- N. The vendor must provide printing specifications for paper ballots to the Secretary of State. The Secretary of State will certify printers to print ballots for this system based upon their demonstrated ability to do so. The vendor may not require exclusivity in ballot printing and must cooperate fully in certification testing of ballots produced by other ballot printers.



IN WITNESS WHEREOF, I hereunto set my hand and affix the Great Seal of the State of California, this 25th day of October, 2006.

A handwritten signature in black ink, appearing to read 'Bruce McPherson', written in a cursive style.

BRUCE McPHERSON
Secretary of State